

MD iMap Technical Committee Meeting Minutes

Place: Department of the Environment (MDE): Terra Room (Baltimore, MD)
Date: 6/4/13
Time: 1:00PM – 3:00 PM
Attendees: Michael Bentivegna (CGIS), Ashley Buzzeo (CGIS), Jim Cannistra (MDP), Kevin Coyne (DNR), Kaushik Dutta (MDTA), Bill Fearington (DHR), Julia Fischer (DoIT), Dave Guignet (MDE), Jason Keppler (DoIT), Barney Krucoff (GIO/DoIT), Erin Lesh (SHA), Lisa Lowe (DoIT), Kate Majchezek (MDE), Michael Manen (MES), Graham Petto (MDP), Russell Provost (DoIT/ESRGC), Frank Siano (MDE) and Mussie Tewolde (DJS)
Phone Attendees: Kristen Ahearn (StateStat), Mary Creamer (ESRGC), Doug Reedy (Fred. Co.), Erin Silva (ESRGC) and Brad Wolters (DHCD)

AGENDA:

- Introductions 1:00 – 1:10
- MD ELA Statistics Update 1:10 – 1:20
- Data & Resources Subcommittee Updates 1:20 – 2:00
 - Addressing Initiative
 - Cascading Geocoder
 - Floodplain Layer Update
 - Plans for Imagery Update
 - Loading of Metropolitan Statistical Area Data
- Application Subcommittee Updates 2:00 – 2:30
 - FHWA – Peer to Peer Exchange
 - Map 21 Update (SHA)
 - MD iMap Application Template
 - MDP Application Updates
- Outreach Subcommittee Updates 2:30 – 2:40
 - Portal Changes
- Esri Conference 2:40 – 2:50
- Additional Business 2:50 – 3:00

NEW ACTION ITEMS:

Description:	Date Assigned:	Follow Up By:
<ul style="list-style-type: none"> Make FY14 projects layer accessible to MDP 	6/7/13	Julia Fischer

ON-GOING ACTION ITEMS:

Description:	Date Assigned:	Follow Up By:
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APPLICATION SUBCOMMITTEE ACTION ITEMS:

Description:	Date Assigned:	Follow Up By:
<p>USDOT Cloud Utilization Survey</p> <ul style="list-style-type: none"> Anticipate an update from Kaushik Dutta and/or Michel Sheffer, in June USDOT has been briefed Mike Sheffer and Kaushik Dutta to attend a USDOT workshop this summer and report back what they learn Send acceptance to USDOT, we are on the second tier list of user's discussion. No further communication Phone conversation with them to start 	<p>Updated: 5/7/13 4/2/13 1/15/13</p> <p>Submitted: 11/20/12</p>	Kaushik Dutta & Barney Krucoff
<p>Geocortex</p> <ul style="list-style-type: none"> In the short-term, obtaining Geocortex could confuse the issue of trying to get people using the template Request DoIT contractors explore and report back to the group concerning the raw code and opportunities for modification 	<p>Updated: 5/7/13</p> <p>Submitted: 1/15/13</p>	DoIT GIO Office
<p>How to consume Socrata services in MD iMap</p> <ul style="list-style-type: none"> Pull from Socrata to MD iMap has been demoed and creates services using a Python script Going from MD iMap to Socrata, Server Object Extension should take care of this need Python script being coded and tested on some transportation and MDA data which has been uploaded to Socrata, more details to follow Test the potential for automated updates using available .xml feeds or other resources out of Socrata and report back to the group 	<p>Updated: 5/7/13 2/5/13</p> <p>Submitted: 1/15/13</p>	Kristen Ahearn, Kaushik Dutta & Jason Keppler
<p>Google Map Engine</p> <ul style="list-style-type: none"> Still considering pursuing purchase of Arc2Earth Have decided to change the plan and go with Arc2Earth tool instead Negotiate with Google through the existing Google contract with DoIT 	<p>Updated: 5/7/13 4/2/13</p>	GIO

	Submitted: 9/4/12	
SwGi/Version 10.1 Migration <ul style="list-style-type: none"> MD iMap infrastructure being kept at Esri Version 10.0 at present DoIT providing a server for development at Esri Version 10.1 at present Meeting scheduled w/Amazon for Wed. 9/5/12 10.1 migration anticipated by January 2013 by CGIS 1 meeting at CGIS Not yet created design Invite Esri to participate in a design session 	Updated: 11/20/12 9/4/12 7/17/12 3/23/12 Submitted: 3/6/12	GIO
Application Submission Procedures <ul style="list-style-type: none"> Redirect efforts to update the procedures with use of the template, which includes directions for deployment Update detailed procedures for application creation and update Resend Application Submission Procedures draft to Technical Committee (Co-chairs) 	Updated: 5/7/13 Submitted: 6/21/11	Technical Committee

DATA & RESOURCES SUBCOMMITTEE ACTION ITEMS:

Description:	Date Assigned:	Follow Up By:
REST Endpoint Service Descriptions <ul style="list-style-type: none"> Any changes that need to be made to these descriptions or legends should be submitted to Ashley Buzzeo 	Submitted: 12/20/11	MD iMap Service Data Owners
WFS-Enabled OSPREY Services <ul style="list-style-type: none"> Plan to pursue all services which go onto the Version 10.1 infrastructure be WFS-enabled, as well as, downloadable Instructions and list of available WFS-enabled services to be added to Portal early September Ownership in question Follow up with owners of OSPREY data to determine if layers can be WFS-enabled 	Updated: 5/7/13 9/4/12 3/23/12 Submitted: 12/6/11	Kenny Miller
GIS/Archives Appraisal Questions <ul style="list-style-type: none"> Distribute survey to as many municipal, county and state agencies, as possible, for potential participation 	Submitted: 7/5/11	Technical Committee
Feedback/Requests concerning MD iMap <ul style="list-style-type: none"> Statewide tax map service being developed by MDP – will be made available on MD iMap in future <ul style="list-style-type: none"> MDP has developed a seamless map service for tax maps for internal use 	Updated: 5/7/13 9/4/12 3/23/12 10/4/11	Jim Cannistra

<ul style="list-style-type: none"> ○ At this time, it is NOT the intention, of MDP, to make this service available on MD iMap ● PFA map service now includes a field “State Eligible” w/ Yes or No <ul style="list-style-type: none"> ○ This is part of MDP’s map service for PFAs ● Look to obtain most recent statewide DEM from Salisbury and discuss effort/timeline for generating hillshade and getting posted <ul style="list-style-type: none"> ○ ESRGC has developed an image service for LiDAR so this is no longer needed ○ They are also looking to develop a hillshade service based on a new scope of work ● Still updating ● Add Plat # to parcel <ul style="list-style-type: none"> ○ Address information has been provided for the cascading geocoder ○ MDP map add Map/Plat/Parcel number at a later date ● Maybe add address ● Add PFA in/out: resistance to this update <ul style="list-style-type: none"> ○ MDP is not going to do this at this time ○ Once all the PFA boundaries are realigned to parcel polygons, this may be reconsidered ● Check for hillshade, which can be added as map service, @ MDP ● Add Hillshade Service: Inquire at DNR if they have a hillshade available – to check <ul style="list-style-type: none"> ○ See response above ● Add Map/Parcel ID Look-Up: Follow up with requestor (Jason Zhao – MDE) to clarify request 	Submitted: 6/7/11	
<p>Cascading Geocoder</p> <ul style="list-style-type: none"> ● Two composite locators now available on the production server ● Anticipate being live within a week or two ● Testing going well and anticipate deploying in the near future ● The 11 address locators that the composite locator will use are created ● Geocoders have been defined, data being collected, geocoders to be created and tested in the upcoming weeks ● Research concerning development of composite geocoder underway ● Composite geocoder on task list for CGIS FY2013 ● Ashley Buzzeo will work with Brad Wolters to determine if this composite geocoder will meet these additional search criteria needs 	Updated: 5/7/13 4/2/13 3/5/13 2/5/13 1/15/13 12/4/12 9/4/12 Submitted: 1/18/11	CGIS
<p>Web Mercator Data Service Projection</p> <ul style="list-style-type: none"> ● DoIT recreating MD iMap map services in 10.1 Web Mercator projection ● Need to move projections to Web Mercator ● Per MES, EMMA replacement will use Web Mercator projection ● Assess costs in labor and storage for creation of MD iMap data services 	Updated: 11/20/12 3/6/12 10/4/11 4/5/11	GIO Office

(except imagery) in Web Mercator projection – Will determine with DNR & CSSC (lots of variables: migration to 10, etc.)	Submitted: 1/4/11	
Metadata Services <ul style="list-style-type: none"> Forward electronic list to group Updated list to be provided by Friday, 1/7/2011 Updated list to be provided at 1/4/2011 meeting Remaining “offenders” actively being pursued Resend email to “offenders” to complete metadata Email resent and follow-up by Kenny Miller to occur MDP has provided metadata for all their services on MD iMap Follow-up concerning how to obtain the missing metadata for services currently being hosted on MD iMap Email sent to Kenny Agency leads from Tech. Comm. to make progress <ul style="list-style-type: none"> Direct contact of data owners A listing of services for which metadata is needed was provided. It was discussed that some metadata may not be available from the data producers. This is especially true for parcel data. Metadata at the service level will be written by MDP for parcel data to go along with the MD iMap refresh process 	Updated: 1/18/11 1/4/11 12/21/10 10/5/10 8/3/10 7/12/10 6/22/10 5/18/10 Submitted: 4/20/10	Data & Resources Subcommittee Co-chairs

OUTREACH SUBCOMMITTEE ACTION ITEMS:

Description:	Date Assigned:	Follow Up By:
Twitter/Communication Plan <ul style="list-style-type: none"> List of every CIO for inclusion on email alerts 	Submitted: 11/15/11	GIO
<ul style="list-style-type: none"> Recruit participants Obtain feedback concerning how to improve upon current outreach strategies Email potential new members directly 	Updated: 5/18/10 4/20/10 Submitted: 3/16/10	Outreach Subcommitt ee
<ul style="list-style-type: none"> Proactive Marketing of MD iMap 	Submitted: 9/21/10	Outreach Subcommitt ee
<ul style="list-style-type: none"> Add geocoder change information, from Esri, onto MD iMap Portal 	Submitted: 5/7/13	Julia Fischer

COMPLETED ACTION ITEMS:

Description:	Date Assigned:	Follow Up By:
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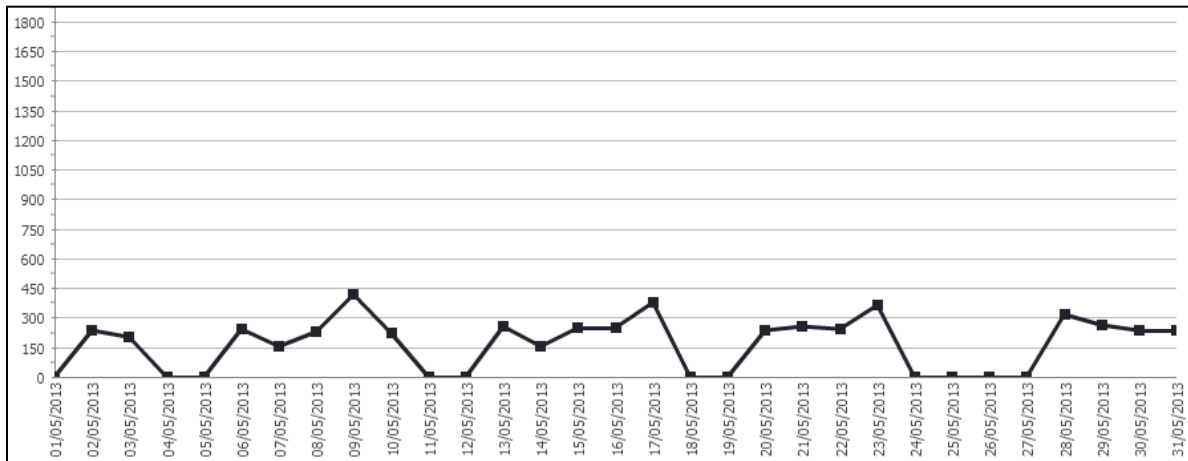
Introductions

Round-the-room

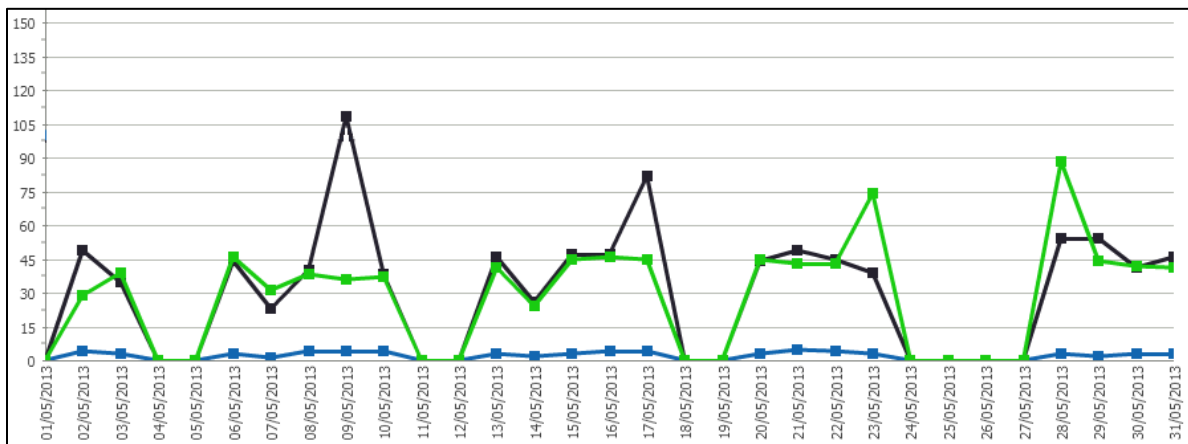
MD ELA Statistics Update

- Total Users in May: 337
- Percent Change from April 2013: +5.6%
- Total Number of System Users: 607
 - DNR (139), MDP (39), MDOT (39), MDA (32), MDE (28) and Unidentified (286)
- Percent Change from April 2013: +10.6%

License usage peaked on May 9, 2013 with 419 concurrent licenses in use:



Daily Utilization of ArcInfo, ArcEditor and ArcView Licenses:



- Max # of concurrent licenses used for ARC/INFO
- Max # of concurrent licenses used for Editor
- Max # of concurrent licenses used for Viewer

Data & Resources Subcommittee Updates

- For services missing metadata, a list was sent to agencies and received some response back from the group
- Also working on inventory of existing data on MD iMap

- Filling in contact information (primary and secondary) and update cycles
- This is an on-going process
- Next Subcommittee meeting scheduled for June 17, 2013
 - Will be conducted over WebEx
 - Contact Lisa if you interested in participating

Addressing Initiative

- Meetings with local governments have all been conducted
- All local governments have agreed to submit data
- All, but four counties have already submitted the requested data
- Want to thank local government participants for meetings and agreeing to share their data
- Going through county-by-county
 - Thanks to Jean for help identifying issues concerning moving data over to the address point data standard
 - Completing this process by hand to finish as soon as possible
 - Process going slower than anticipated
 - Hoping to have first cut of standardized data within a week or two
 - Shortly thereafter hoping to have this information added to the statewide geocoding service
 - Balancing between editing/changing data and adjusting the data to move into the standardized system
- Developing process now, almost complete, which will speed up the processing of the county data
- Going to flag issues in the local data, through the use of a field with a coded value
- This information will be returned to the local governments as part of the feedback to the local governments
- Overall the data is good, points on structures
- At a macro-level things look really great, will be a tremendous state asset
- MSP will use statewide address point data for the CADRMS system
 - Keeping the address point data up-to-date is more important because of this application
- In discussions with BMC who are currently replicating with many counties
 - Updates are transactional
 - Hope that the State participates and the BMC footprint will be updated, by transaction, to the State data
- Some counties do not have the expertise or resources to conduct replication
 - An alternative procedure will be provided, for these counties, to allow for their continued participation
- Want to use replication for maintaining the State data and BMC is serving as the pilot for these efforts

Building Polygons

- Also asked for building polygons from local governments during meetings to discuss address points
 - All counties that have submitted address points have also submitted building polygons
 - Near seamless building polygon layer for the State is already being compiled

Question: For the remaining four counties, will they also be submitting building polygons?

- Yes
- Remaining four counties are: Baltimore County, Charles County, Washington County which has agreed to send, but have not yet done so and Prince George's County)
 - Waiting for address points from The Maryland-National Capital Park and Planning Commission
 - Waiting for building polygons from Montgomery County Government
- For many of the counties which have sent building polygons, the polygons have not been updated recently
 - This is especially true for counties on the Eastern Shore
 - Also many new buildings have not been created and are also not in the building polygon layers
- For all of the counties, there are cases of polygons where buildings no longer exist or polygons were drawn around a building without the use of the latest imagery service available
- There are also instances where a triangle has used to represent a building, rather than the actual footprint
- These points might be used as a means to obtain additional funding to clean up this and related datasets
- Allows for summarizing, to the Numbers Board, some of the data quality issues
 - Can include observations about the building polygons related to the address points
 - Provide advice about what we think is missing
 - Recommend where the Numbers Board might want to put additional funding and efforts in the future
- Finally, saw many places where there are buildings and no address points to match
- Maryland Department of Planning (MDP) looked at the data and did comparisons, overall the data is good
- Clean-up effort is big when trying to bring 24 different formats together in a single system
- Project vs. Program
 - Putting data together to make available vs. putting it into a system that can be used by other systems and maintained into the future
- Missing ZIP codes, wrong attributes in the wrong fields, basic information about where the actual address should come from
- Fields consist of individual components and concatenated fields
 - These fields appear to be maintained separately, therefore it is not clear which are the most up-to-date
 - Should this be resolved by parsing out the concatenated field or re-concatenating the individual fields?
- Suggest that once the data is collected and reviewed, meet and draft a game plan about next steps
- Will add a ZIP code if one is not there, if a County wants to change for the next submission, that is fine
- Want to set up Extract, Transfer, Load (ETL) rules to try and take care of some of the systemic issues
- Goal is that this becomes a Program and not just a Project
- Believe counties are still relying on centerlines for identifying address locations and not address points
 - So there are questions of the quality of the address points over the centerlines
- Believe all of these efforts are improving things over hurting things or causing more issues

Question: How could certain buildings not have an address point?

- Probably because the centerline and personal knowledge is used to get where they need to go and not the address points themselves

- It has been interesting to see how the points are used, maintained and to what extent, differs for each County
- Third party maintaining the data for many of the outlying Counties
 - Many contracts have ended and no maintenance has been undertaken recently
 - This is a result of the lack of resources available for these projects

Question: Can the effort be quantified?

- Still in the beginning of the process, need to come up with a matrix
- Definitely more thought has to go into how to quantify what it will take to get everyone up to the same level
- Russell Provost will be cleaning and sending the corrections back to the Counties
- Decision clean-ups can be flagged, but decisions would need to be made by the County
 - If the correction cannot be automated, it will be flagged but not cleaned/corrected
 - We will convey to the Numbers Board systemic issues in hopes of getting funding to fix and improve all
- Some Counties are reluctant to take additional funding because they cannot maintain the data in the long run
- The data owner should be responsible for cleaning these issues
- Will probably take two rounds to get corrections into the main system, ideally in two years, the same corrections will no longer need to be repeated

Cascading Geocoder

- Service is available, need to get the instructions onto the Portal
- Once the first cut of address points are available, will work to get those into the geocoder
- Send a new MDPV point file in early July to CGIS for inclusion into the geocoder
- Internal discussions about address point, raw data dissemination
 - Most agreements have been handshakes and the data is available for State use
 - Will clarify all of the parameters for disseminating the data to a wide variety of requestors
- Not ready to make the data available to the public yet, maybe some counties

Map 21 Update (SHA)

- Big Federal program that changes how transportation IT is done
 - Will change the way we prepare centerlines in Maryland
 - Might also change other transportation layers
 - Mirrors the addressing efforts in the State
- Latest Federal legislation for transportation funding, changes the way reporting is done
- Centerline implications
 - SHA has always submitted HPMS data
 - This is a linear referencing system submitted to the Federal government
 - Includes number of lanes, bridge data, etc.
 - Now in addition will have to submit locally maintained roads and dual-carriage ways
- By June 2014, next submission, all of these things need to be figured out
- SHA in very good shape for these requirements for this deadline

- SHA already captures all locally maintained roads, except for Baltimore City, because Baltimore City used to get a cut of the Federal funding to do their own work
- This submission will determine funding for each County
- Trying to incorporate local roads for the next submission
- Trying to establish a working agreement with Baltimore City, so there is one representation of the network
- Working with BMC and Baltimore City as a pilot
 - Need to come up with snap to points across County boundaries, as a model for the rest of the State
- Transportation for the Nation
 - Federated approach to filter data from the locals, State and ultimately Feds
 - Will replace the existing Tiger dataset
- Trend is to push changes through legislation, happened through Map 21, also talking about other models and attributes, including additional legislation
- Roads and Highways product from Esri might be a good solution to achieve what the original shared centerline program in Maryland was trying to accomplish
- Instead of trying to get everyone using a single set of data, with one set of attributes and segments, this product, regardless of segmentation and attribution, allows for layering upon a base line work
 - Coincident lines can be attributed and segmented as needed by all different organizations
 - Need to reinvent the original shared centerline program and get participant's buy-in
- Erin Lesh putting together a work plan and pitch to GIO and make sure it works on a State level
- Anticipate meeting with Russell Provost to talk about submission through a single request of address points and centerlines
 - No timeframe has yet been established

Question: Are dual carriageways collected?

- Actively being inventoried, GPS and calibration points collected in the field by SHA
- Addressing is not a federal requirement for HPMS, but is for Transportation for the Nation
- There are other parameters which must be collected and not yet clear on how these attributes will impact other agencies
 - Other parameters include environmental parameters, etc.

Question: Are there regulations for private roads?

- Federal government does not require private roads
- Shared centerline project would want to collect and store this data, but would not be sent to the Feds

Question: Is Transportation for the Nation policy or an idea?

- It is an idea, not policy (NSGIC sponsored)
- It is also separate from Map21, which is policy

Floodplain Discussion

- Suggested getting together, but did not happen, have not sent out any available dates to meet
- DoIT putting together an MOU with Maryland Environmental Service (MES) for a developer
 - Supposedly signed this morning
 - Would not have called the meeting yet because the person was not yet under agreement
- Working on new MD iMap template which will be applied to the floodplains application
- Have a preliminary prototype to share with GIO office, MES could be a good place to meet
- There are issues with it inside of the firewall, IE8 was not allowing for some known functionality
- Did not make an attempt to support IE8 for the template
- Chrome would work better, but IE9 and Firefox will also work with the template

OSPREY Public

- Being replaced with a new version which will be iPad compatible
- Current version is an Adobe Flex application
- Hopefully the application will be replaced in July
- Services behind OSPREY Public, which are being used actively and are popular
 - Want to take down these services
 - Floodplain service is one of the services that is out there
 - There are many places where there are floodplain services (FEMA, Google, etc.)
- Let us know how you use the OSPREY services and whether you would like them to be remained
- Will not take them down right away
- Will be looking at use statistics before removing any of these resources
- Floodplain services are currently available through OSPREY and MES and were recently taken down from MERLIN

Question: Which service should be considered authoritative and should be used?

- No right answer
- If there is a legal determination about whether a point is in or out of a floodplain, contact MDE
- Should not have three services out there, but there are many uses and reasons for having multiple services
- Best map about where flooding might occur for emergency or where there might be high water, some floodplains are not fully legal, some are and some are not, but they are digitally available
- Not all done, but should they be kept from being available until they are all done
- If it is not a FEMA DFIRM, the floodplain is not considered accurate
- Q3s are intended for planning purposes only and not floodplain determination
- Got something which has almost the whole function in one location, but the shapefile availability (8 counties with legal documents, 12 counties which are close to being the right thing, 2 were pulled back because of funding and 2 are being processed this year)
- Want MDE/MES site to become the data portal to ask the questions, rather than run off with information that isn't right, mash up the answers and kill as much of the Q3 data which is out there, but have a single resource to put the data
- Want to find an alternative source to the floodplain, which would provide some coverage to all counties, which would be on OSPREY, not the legal extents

Question: Is the MES service useable and/or available?

- http://www.mdfloodmaps.com/flood_risk/ provides information for 23 of 24 counties
 - Some link back to paper documents

Plans for Imagery Update

- Anticipate getting a lot of imagery soon
- Starting pilot to be delivered in the next couple of weeks
 - By mid-summer, will be getting data to review
- Last round of imagery collect took imagery once accepted and provided .jpg files to CGIS for caching
- Fourth band used to create color infra-red service
- At conclusion of project, image service was created from the .tif files
- Plan for following these same processes this time around because it worked pretty well last time
- Question of creating core map service from .jpg files
 - .tif files create slightly better quality
 - Might be consideration for recreating the map service with .tif files, rather than .jpg files
- Take source .tif files, source .jpg files and cached service, there is degradation at each step of the process
- Renaming will also need to be done to keep an archived copy of the previous version of imagery
- Work through mid-summer through late January 2014 to complete the entire process
- Would like to follow the same process, as used last time
- First piece/pilot will be completed with imagery collected for Howard County
- MDtA would prefer .jpg2000 files over .tif files
 - They did not see the difference, in quality, between the two different file types

Loading of Metropolitan Statistical Area data

- Next week, sending the data to CGIS
 - One large file which will allow access to metro and micro statistical areas
 - Will be provided as a feature service with lots of attributes

Application Subcommittee Updates

FHWA – Peer to Peer Exchange

- For cloud computing, 5 states and 1 federal agency (details available from Kaushik Dutta)
- Discussed that GIS application is mostly concentrated in planning, IT and then engineering
- People were upset with IT infrastructure and services, because of lack of communication
- Need to improve communication and resolve issues
- Any cloud option needs to have feasibility and cost analysis study before presentation to the group
- All agencies have ArcGIS Online, no agencies were using a different GIS cloud-based resource
- Most are using cloud-based for data sharing and mapping, no analysis being done on the cloud
- Cloud configurations are different for most, but showed a preference for a hybrid cloud configuration
 - Keeping secure data inside of the firewall, not even sharing it into a private cloud
- Feel the need of cloud is there for more public interaction with the data, into the public domain

- Third party, off the shelf, cloud-based applications preferred over self-developed applications
- No performance measures have been conducted to date
- There are standards and quality controls already in place on cloud, which are being accepted as-is
- Challenges:
 - Legal policies
 - IT securities
 - Unfamiliar cost model
 - Data accuracy and quality must be re-evaluated
- Lessons Learned:
 - Identify risks and how it can negatively impact users and how to mitigate
 - Need to be flexible
 - Want a feedback loop from cloud, especially from crowd sourced data
 - Cloud helped improve data quality
- Utah:
 - 2TB \$87,000/year, SAN \$0.25 cents per GB per month, in Cloud, \$0.10 cents per GB per month on NAS (details available from Kaushik Dutta)
 - Used WSCA contract
- State of Maryland is pursuing making WSCA contract vehicle accessible
 - Includes Dewberry, Esri, Dell and some other contractors
 - Process necessary to inform Board of Public Works that WSCA contract is being used instead of an existing Maryland procurement vehicle
- Idaho:
 - \$17,500 with 100 user licenses on AGOL
 - Caching and geocoding eat up the subscription credits quickly
 - Esri still figuring out subscriptions plans for statewide subscriptions
- FHWA talking about Map 21
- ARNOLD – data sharing and SafetyEdge, both coming down the pipeline
- Geospatial collaborations
- Anticipate having a white paper put together out of these discussions
- Only saw that the WSCA contract participation would be beneficial, but did not see any other actions that we should take immediately
- A lot of discussion about LiDAR and also talking about routable layer, there are NHPN efforts occurring to get routable layers from the feds

MD iMap Application Template

- Not much progress has been made over the past few months
- MOU with MES just getting into place now, which will bring a contracted developer, to DoIT, for one year
- Biggest complaint, of the current template, is a lack of flexibility with the legend and table of contents

- There are issues with performance, stability and look, which we would like to take on in the near future

MDP Application Updates

- PlanMaryland application starting to work with many agencies
 - Had some training programs with Capital Projects group over a couple of days
 - Stood up an application
 - Icon/Button to add application to Portal soon

Action Item: Make FY14 projects layer accessible to MDP – *Julia Fischer*

- AgPrint and GrowthPrint are Flex-based apps with data issues
 - These issues need to be resolved before the applications can be migrated to the new template
 - Anticipate merging of data layers and application design issues
- Some internal policy struggles
 - AgPrint and GrowthPrint were precursors to PlanMaryland and might need to be taken down
 - New versions of the applications would require policy review at the Secretary's level
- PlanMaryland and GrowthPrint do not overlap
 - Outreach occurring with locals to designate growth areas for inclusion in PlanMaryland
 - Draft maps for Capital Projects have also been generated
- GrowthPrint was to show where there are already focused growth programs funded at the State level
- Local targeting areas are replacing the State targeting areas
- DHCD rolled up their targeting programs into a single Sustainable Community area layer and has not yet been added into GrowthPrint
 - Need to figure out how to wrap this all up and make available
- Talked about having a Sustainable Communities application
 - Want to see just where Sustainable Communities are located
 - This information and this application would have a lot of value to local governments
- Might be able to consider that GrowthPrint is not up-to-date and should be removed
 - However, Governor's Office reps see the three main programs of GrowthPrint, GreenPrint and AgPrint
 - Do not want to let one of the legs of the stool to be taken away
- AgPrint needs to be updated
 - Previous version included a spatial analysis of ideal land which met certain specifications
 - Where can the State get the best return on investment?, for funding?
 - Resource spending targeting has changed and new geographies are being targeted
 - Need to determine how to add data into the system
 - Can the areas be replaced?
 - Can a hybrid approach be applied?
 - Can the application's data be made available through some of the other applications?
 - For example, perhaps there are layers, in PlanMaryland, which can be pulled into GreenPrint and turn off the stand-alone applications
 - However do not want to overcomplicate existing applications with too much data

- Governor is asking for common platform for many fields, our common platform is MD iMap, which is something from which applications can be built, it is expandable, want to make sure hitting the same datasets and will resell this concept to the Governor
- MDP to take this feedback back to MDP and try and get some progress moving forward again

Outreach Subcommittee Updates

Portal Changes

- ONLINE MAPS tab has new categories:
 - Economic Development and Tourism
 - Education
 - Emergency Management and Situational Awareness
 - Environment
 - Growth, Planning and Revitalization
 - Health and Human Services
 - Transportation
- Currently feature 53 applications with more to be added in the near future
- GIS DATA tab updated to be supportive of MSGIC and MD iMap websites with information shared
 - Includes list of GIS data download sites grouped by Federal, State, County, Local and Other States
- GIO OFFICE tab includes organizational chart of GIO staff with information of agency and region coverage

Esri Conference

- MDP presentation:
 - Topic on envisioning urban growth, relationship between GIS and policy planning
 - Using septic's law, as an example, a model to find solution and in implementation phase

Additional Business

Hosting Update

- Next generation of MD iMap will be hosted at Data Center at College Park, through DoIT
- Keeping the current system at CGIS through the next FY
- There will be some overlap between the availability of the two systems
- Staging at CGIS will be changed to Version 10.1
- 10.0 production will continue to run and be available
- There will be a 10.1 development environment, at CGIS, for collective utilization
- Working on proposal with CGIS concerning other contract considerations for next FY
- We did look at cloud and aligned with what was heard during the sessions with Kaushik Dutta
 - It was not found to provide a cost savings to the physical or virtual environment options
- Using DoIT hardware brings GIO Office into system with the other components of DoIT infrastructure
- Amazon was not a cheaper solution
 - Might have been cheaper through the WSCA contract
 - Could not be justified based on the costs which would be accrued through working with DoIT

- Growth on the cloud is not the same for government vs. an organization which is hoping to start small and grow with popularity
 - More popularity for government, means more costs, which can or cannot be predicted and supported

MaCO Conference

- Submitted an abstract for GIS presentation
- The idea was liked, but requested to be changed to focus more on what GIS can do for counties
- MaCO asking for 3 speakers
 - 1 from MDP, anticipate this being Secretary Rich Hall
 - 1 from KCI
 - 1 from a County government
 - Good that they want a GIS presentation
 - Want to highlight how GIS can be used for planning, public safety and benefits from GIS
 - Need to touch on imagery program, addressing and centerline programs
 - Anticipate hearing about them at the local level or have already heard of them